



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090158-C

Mode: Highway

Status: Submitted

NC-211 (New Route - Pinehurst Bypass)

From/Cross Street: NC 73 in West End

Specific Improvement Type: 6 - Widen Existing Roadway and Construct Part on New Location

To: US 1 in Aberdeen

Project Category: Regional Impact

Length: 12.63

TIP#: R-2591

Fully Funded in Draft STIP? No

Cost to NCDOT: \$131,968,000

Description:

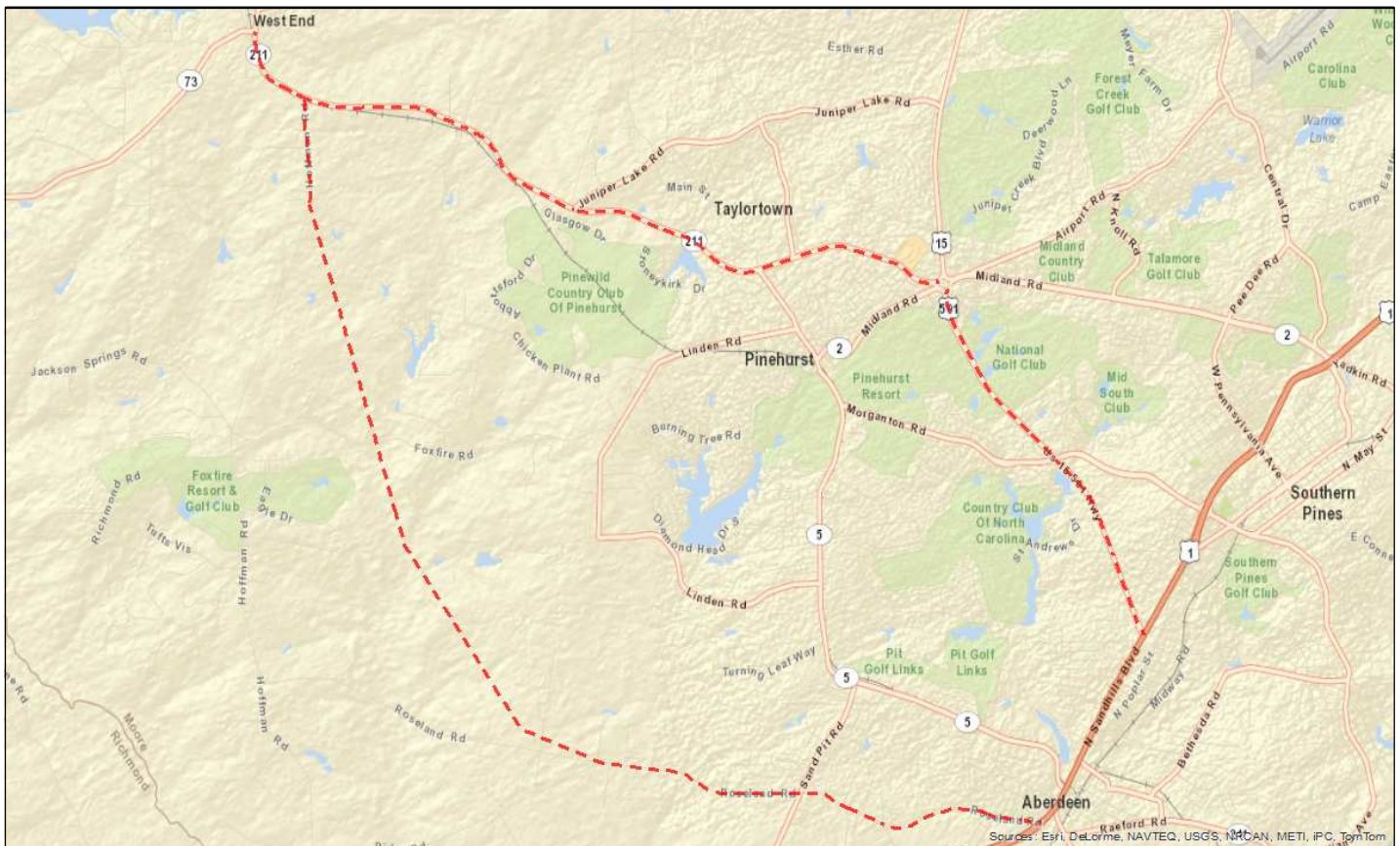
Construct Multi-Lanes on New Location

Division(s): Division 8

County(s): MOORE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 60.47	Percent: 15% Points:	Percent: 15% Points:
Safety (10%) 57.46		
[Travel Time] Benefit/Cost (25%) 8.42		
Accessibility / Connectivity (10%) 45.50		
Totals: Weight: 70% Weighted Score: 27.52		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 60.47	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 57.46		
[Travel Time] Benefit/Cost (20%) 8.42		
Totals: Weight: 50% Weighted Score: 19.52		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	45
Length (miles):	11.54
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	18643.22
Capacity:	21102.19
Volume/Capacity Ratio:	0.88
% Autos:	95%
% Trucks:	5%
Truck Volume:	862.32
Crash Density:	69.12
Crash Severity:	58.18
Critical Crash Rate:	45.11
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	61
Actual Congested Speed:	38.7
Travel Time Index:	1.14

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	12.63
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Other Principal Arterial
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	49548658.27
Travel Time Savings for 30 Years (Autos):	47256839.47
Travel Time Savings for 30 Years (Trucks):	2291818.8
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT OnLine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$114,166,000	Cost Estimation Tool
Right-of-Way Cost:	\$15,895,000	Cost Estimation Tool
Utilities Cost:	\$1,907,000	Cost Estimation Tool
Total Project Cost:	\$131,968,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$131,968,000	